

JC20 [REDACTED] d PCT/PTO 12 MAY 2005

**IN THE EUROPEAN PATENT OFFICE
INTERNATIONAL SEARCHING AUTHORITY**

Applicant(s): President and Fellows of Harvard College, et al.

**International
Application No.:** PCT/US2003/36568

International Filing
Date: 14 November 2003

Entitled: **ATOMIC LAYER DEPOSITION USING METAL AMIDINATES**

Attorney Docket No.: 42697.149WO1

VIA FACSIMILE +31 70 340 3016
and DHL COURIER

Veronique Baillou
European Patent Office
P.B. 5818
Patentlaan 2
NL-2280 HV Rijswijk
NETHERLANDS

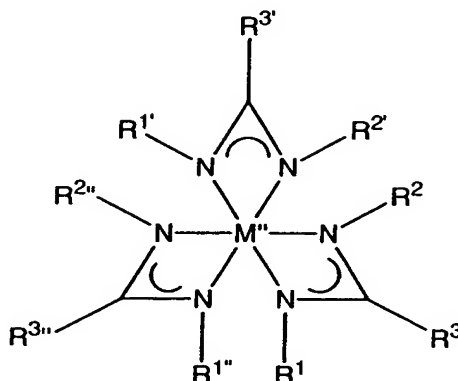
AMENDMENT UNDER ARTICLE 19

A Partial International Search Report was mailed on October 22, 2004, in the above-identified application. Applicants hereby amend the claims as permitted under Article 19 of the PCT.

Claim 18 is amended as shown. Page 42 containing claim 18 of the application has been replaced by new page 42 containing new claim 18, which is now in the application. Substitute sheet 42 accompanies this Amendment.

Amendment of the Claims:

18. A composition of matter that is a volatile metal(III) tris(amidinate) represented by the general formula



wherein the metal M is selected from lanthanum, praseodymium and the other lanthanide metals, yttrium, scandium, titanium, vanadium, chromium, iron, ruthenium, cobalt, rhodium, iridium, ~~aluminum, gallium, indium,~~ and bismuth, and wherein the Rⁿ represent hydrogen, alkyl groups, fluoroalkyl groups or other non-metal atoms or groups, Rⁿ being any one of the groups R¹ through R^{3''}, and where Rⁿ are the same or different.

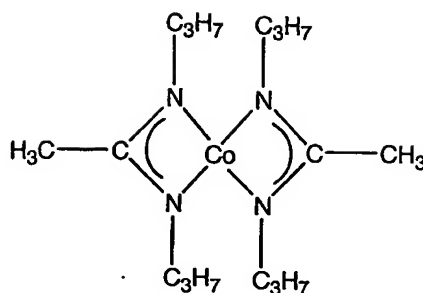
Respectfully submitted,

Date: November 29, 2004

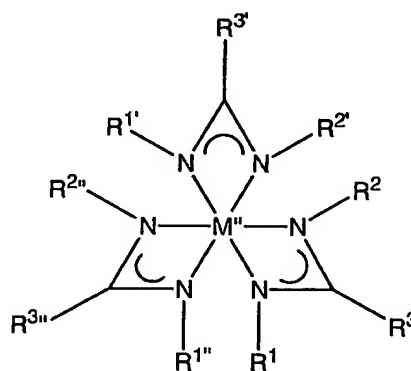
Mary Rose Scozzafava

Mary Rose Scozzafava
Agent for Applicants

**Wilmer Cutler Pickering
Hale and Dorr LLP**
60 State Street
Boston, Massachusetts 02109
Telephone: (617) 526-6454
Facsimile: (617) 526-5000



18. A composition of matter that is a volatile metal(III) tris(amidinate)
represented by the general formula



5

wherein the metal M is selected from lanthanum, praseodymium and the other lanthanide
metals, yttrium, scandium, titanium, vanadium, chromium, iron, ruthenium, cobalt,
rhodium, iridium, aluminum, gallium, indium, and bismuth, and wherein the R^n represent
hydrogen, alkyl groups, fluoroalkyl groups or other non-metal atoms or groups, R^n being
10 any one of the groups R^1 through $R^{3''}$, and where R^n are the same or different.

Replaced by
Art. 19